

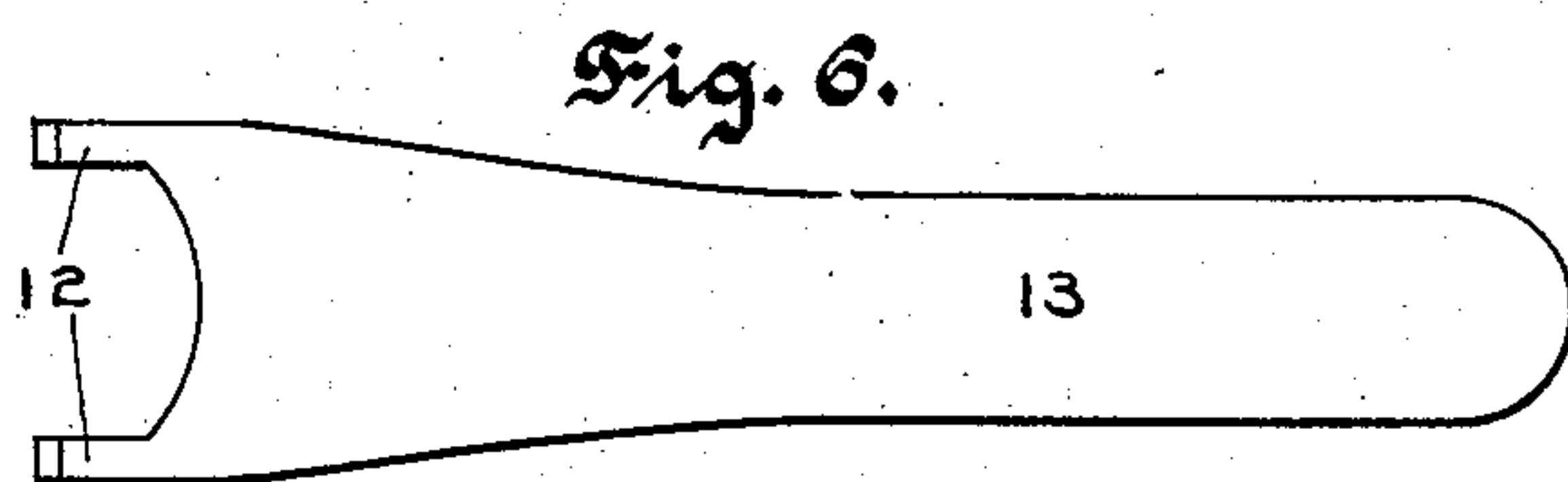
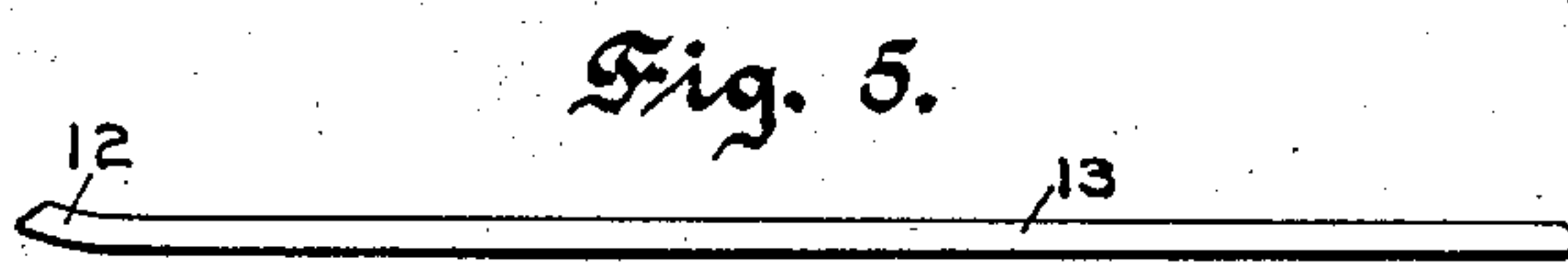
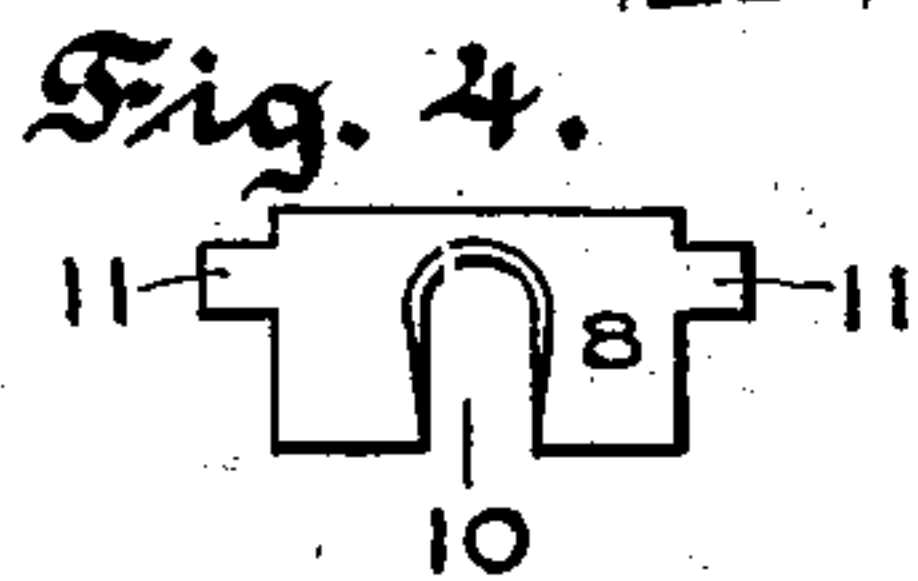
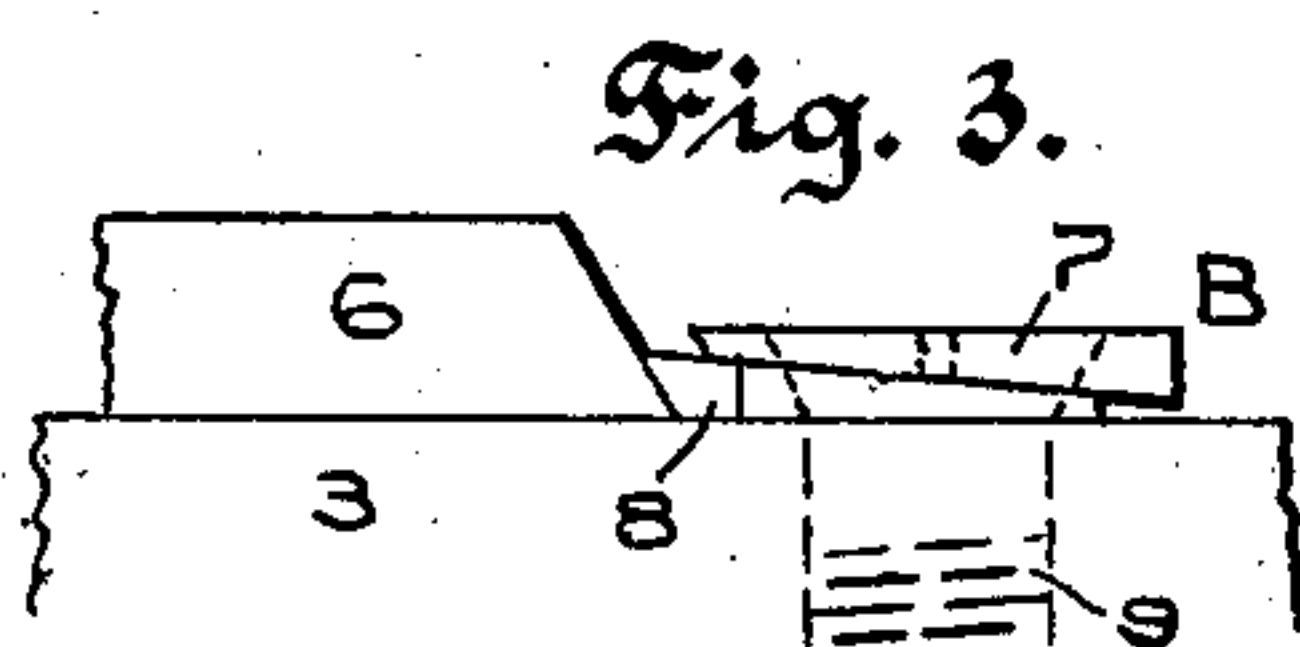
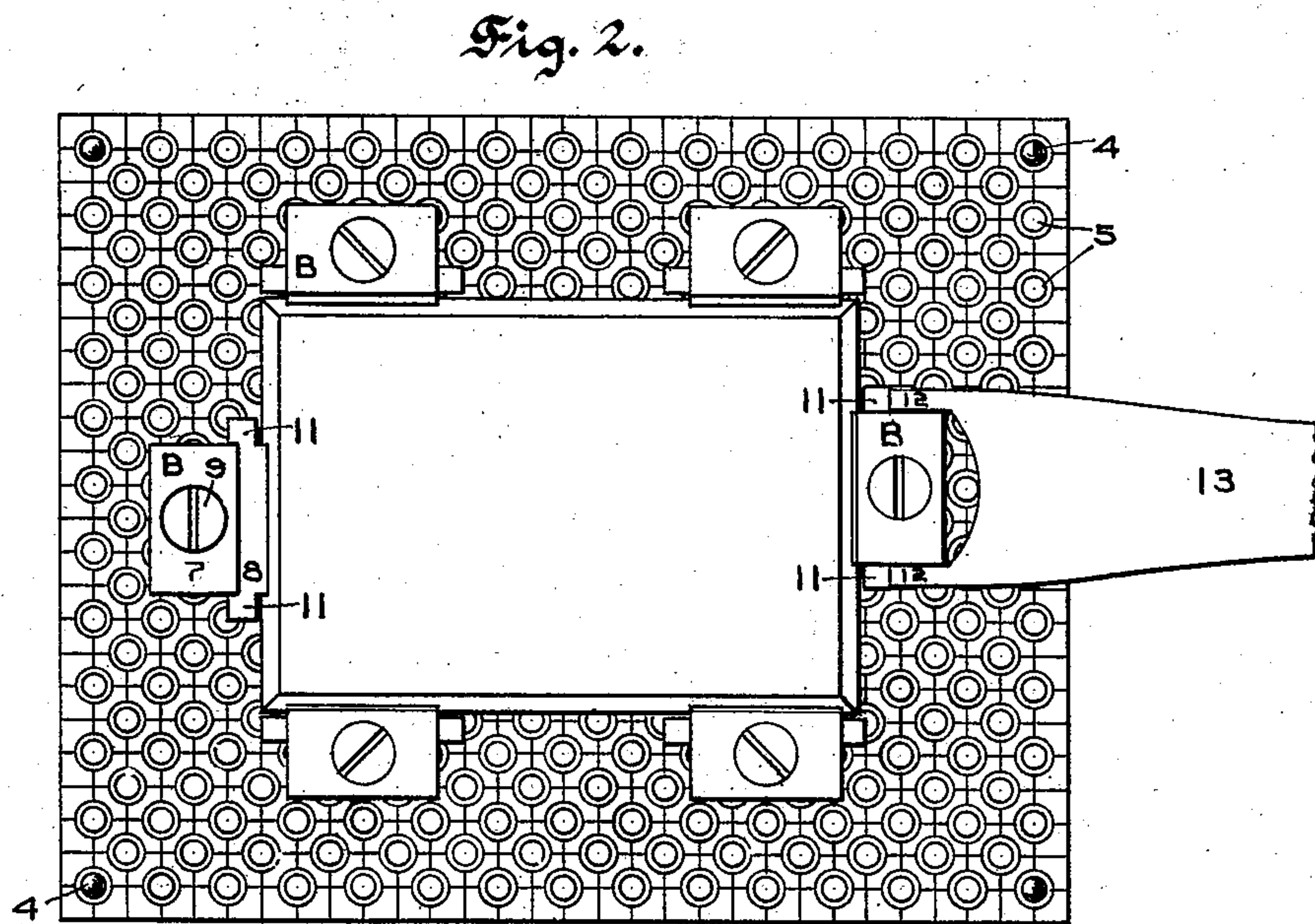
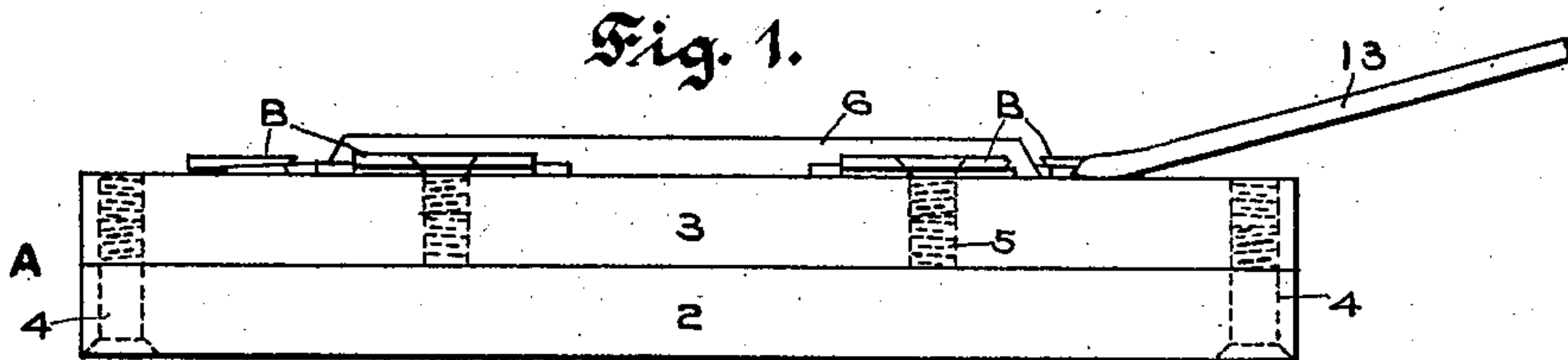
No. 720,388.

PATENTED FEB. 10, 1903.

T. WENSEL.
CLAMP FOR PRINTERS' BASES.

APPLICATION FILED JUNE 5, 1902.

NO MODEL.



Witnesses,
W. H. Palmer.
Emily Eastman et al.

Inventor,
Theodor Wensel.
by Lathrop Johnson
his Attorneys.

UNITED STATES PATENT OFFICE.

THEODOR WENSEL, OF ST. PAUL, MINNESOTA.

CLAMP FOR PRINTERS' BASES.

SPECIFICATION forming part of Letters Patent No. 720,388, dated February 10, 1903.

Application filed June 5, 1902. Serial No. 110,270. (No model.)

To all whom it may concern:

Be it known that I, THEODOR WENSEL, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Clamps for Printers' Bases, of which the following is a specification.

My invention relates to improvements in printers' bases and attachments, its object being particularly to provide an improved form of clamp for securing plates or cuts upon the same.

To this end my invention consists in the features of construction and combination hereinafter particularly pointed out and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of a base embodying my improvements. Fig. 2 is a plan view of the same. Fig. 3 is a partial side elevation of the base and clamp. Fig. 4 is a detail of one member of the clamp, and Figs. 5 and 6 are details of a tool used for adjusting the clamp.

In the drawings, A represents the base, consisting of the bottom plate 2, preferably of aluminium, and an upper plate 3, preferably of brass, secured together by screws 4. Formed in the upper plate of the base in diagonal rows is a series of screw-openings 5.

In order to secure a plate or cut 6 upon the top of the base, I provide the clamp B. This clamp consists of the oppositely-beveled plates 7 and 8, the lower plate 8 having its forward end chamfered to fit over the edge of the cut 6, as shown in Fig. 3. The clamp is secured upon the base by a screw 9, passing through a circular opening in the upper plate and through a slot 10 in the lower plate, the end of the screw projecting into one of the openings 5. The lower plate of the clamp is formed with lateral projections 11, which are adapted to be engaged by the prongs 12 of the tool 13 to move said plate into contact with the edge of the printing-cut. By having the contacting faces of the clamping-plates oppositely beveled tightening of the screw 9 will hold the lower clamping-plate in locking engagement with the edge of the cut. As shown, I preferably chamfer the rear edge of the projections 11 and correspondingly chamfer the ends of the tool-

prongs to cause said prongs to fit under said projections. When in adjusting position, as shown in Fig. 2, the prongs of the tool fit against the ends of the upper clamp-plate 7, holding said plate from turning.

I claim—

1. In combination with a printer's base provided with a series of threaded openings in its upper face, and a printing-cut arranged upon said base, a clamp arranged in connection with said cut, consisting of a pair of superimposed plates having their contacting faces oppositely beveled, and a securing-screw passing through said plates and into one of said openings.

2. In combination with a printer's base having a series of threaded openings in its upper face and a printing-cut arranged thereon, a clamp arranged in connection with said base consisting of a pair of superimposed relatively slidable plates, the contacting faces of said plates being oppositely beveled, and a securing-screw passing through said plates.

3. In combination with a printer's base provided with a series of openings in its upper face, and a printing-cut arranged upon said base, a clamp arranged in connection with said cut, consisting of a pair of superimposed relatively slidable plates, a screw passing through an opening in the upper plate and through a slot in the lower plate, said screw projecting into one of the openings in the base, lateral projections carried by said lower plate, and a tool provided with prongs so disposed as to engage with said projections.

4. The combination with a printer's base provided with a series of openings in its upper face, of a clamp consisting of a pair of superimposed relatively slidable plates, the contacting faces of said plates being oppositely beveled, a securing-screw passing through said plates and into one of the openings in said base, lateral projections carried by the lower clamping-plate, said clamp being adapted to be engaged by a tool provided with prongs so disposed as to engage with said projections.

In testimony whereof I affix my signature in presence of two witnesses.

THEODOR WENSEL.

Witnesses:

H. S. JOHNSON,
EMILY EASTMAN OTIS.